

INTERPROCEDURAL OPTIMIZATION FRAMEWORK

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ABSTRACT OF THE DISCLOSURE

High level program files are compiled into an efficient machine readable output file by using an optimizer that processes program files into intermediate files and reprocesses the intermediate files extracting necessary information to maintain. Information is provided in intermediate files that relate to dependency and interrelationships between target files that are to be compiled. If program files are modified and the compilation process must be re-done, interrelationship content is maintained to allow files to be compiled with undue calculations.